

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
31 July 2003 (31.07.2003)

PCT

(10) International Publication Number
WO 03/062519 A1(51) International Patent Classification⁷: D06F 75/14,
75/22, B01F 5/04

(21) International Application Number: PCT/IB03/00167

(22) International Filing Date: 21 January 2003 (21.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02075314.1 25 January 2002 (25.01.2002) EP(71) Applicant (for all designated States except US): KONIN-
KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

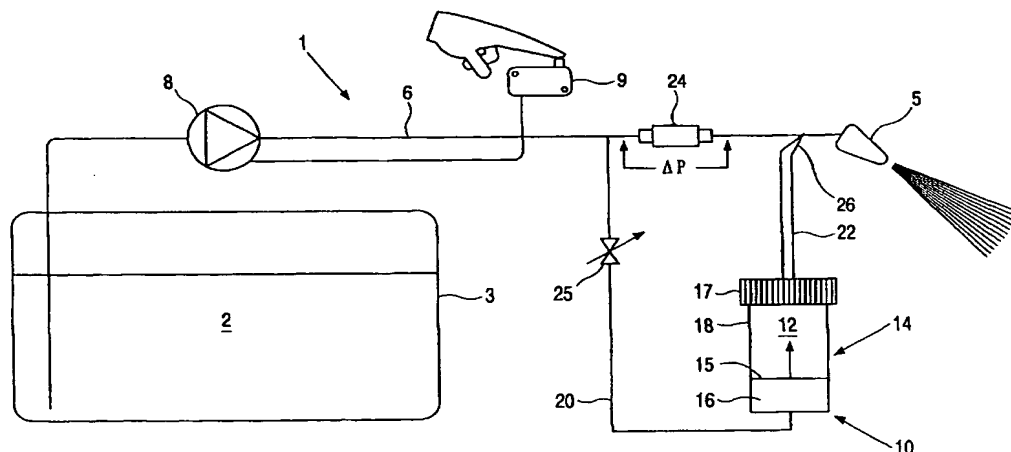
(75) Inventor/Applicant (for US only): BENEDICTUS, Jan,
H. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).(74) Agent: BOS, Kornelis, S.; Internationaal Octrooibureau
B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: HOUSEHOLD APPLIANCE AND DISPENSING SYSTEM FOR DISPENSING A FLUID AND AN ADDITIVE



(57) Abstract: A household appliance has a fluid dispensing system for dispensing a fluid (2) and a dosing system for dosing an additive into the fluid (2). The fluid dispensing system comprises fluid supply means (3,8), a dispensing nozzle (5), and a conduit (6) connecting the supply means to the dispensing nozzle (5). The dosing system comprises an additive reservoir (14) for containing the additive (12) and an outlet (22) connecting the additive reservoir (14) to the dispensing system. Pumping means (8,15,16) are provided for pumping the fluid (2) and the additive (12) towards the dispensing nozzle (5). A reliable dosing of additive is achieved in that the outlet (22) of the additive (12) communicates with the conduit (6) in a position downstream of said pumping means. A dispensing system for such an appliance is described.